

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Michael T. Romanyszyn	§	Atty. Docket No: L-0170.57(Div-1)
	§	
Application No: To Be Assigned	§	Examiner: To Be Assigned
Filed: To Be Assigned	§	Group Art Unit: To Be Assigned
	§	
For: METHOD AND APPARATUS	§	
FOR TREATING FLUIDS		

PRELIMINARY AMENDMENT

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Applicant respectfully presents herewith a Preliminary Amendment
accompanying the filing of the subject case.

IN THE CLAIMS:

Please cancel claims 1-12, 24-41 and 45-48 without prejudice.

Please amend the claim as follows:

13. (amended) A vortex nozzle, comprising:

a nozzle body including a passageway therethrough and a port that inlets a fluid
flow into the passageway, whereby the port is substantially tangential and normal
to the passageway; and
an endcap attached to the nozzle body.

42. (amended) A vortex nozzle, comprising:

a nozzle body including a passageway;
at least a segment of the passageway being tapered; and